

TX9906A

RF Transmitter Module

(SAW filter stabilized) (DC 3 ~ 12V)

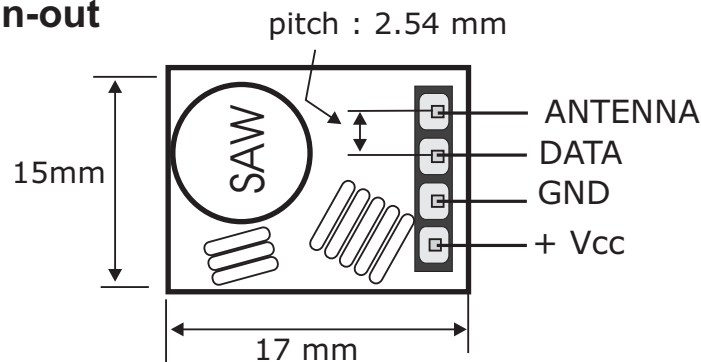
Application

- 1) Industrial remote control, remote monitoring & sensing
- 2) Wireless security alarm or low baud rates digital signal transmission receiver
- 3) Remote control for household electrical appliances and robotic projects.

Technical Specifications

Operating voltage (Vcc)	3 ~ 12V DC
Operating current	Max \leq 45 mA (12V) , min \leq 2 mA (3V)
Oscillator	SAW filter stabilized
Modulation	OOK, ASK
Frequency	315 MHz or 433.92 MHz
Frequency tolerance	\pm 150 KHz (max)
Transmission (RF) power	50 mW (at 315 MHz & 12V)
Data transmission rate	\leq 10K bps
Antenna length	24 cm (315MHz), 18 cm (433.92 MHz)

Dimensions & Pin-out



IMPORTANT NOTES

- 1) **Antenna** : Use any soft/hard wire with the specified length. If a telescopic antenna is used, be sure that it is fully extended. Length of antenna is important and frequency dependent (refer to the specs section above for the correct length)
- 2) If the transmitter module is housed in a metal casing, an external antenna should be used. For best result, use 50 Ω coaxial cable for connecting the antenna to the module.

Ref:9906A



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